

Converting Colors

$Y_{xy}(24.4622, 0.5017, 0.2782)$

Have a look what the booklet for
Yxy(24.4622, 0.5017, 0.2782)
contains.

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Color

Yxy(24.4367, 0.5022, 0.2786)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA3875 |
| RGB | 250, 56, 117 |
| RGB Percent | 98%, 22%, 46% |
| CMY | 0.0196, 0.7803, 0.5412 |
| CMYK | 0.00, 0.78, 0.53, 0.02 |
| HSL | 341°, 95%, 60% |
| HSV | 341°, 78%, 98% |
| XYZ | 44.0492, 24.4367, 19.2266 |
| YIQ | 120.9600, 96.0430, 60.0990 |

Conversions

Conversions Part 2

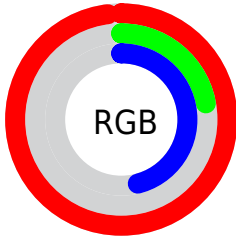
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 250, 56, 117 |
| Decimal | 16398453 |
| CIE _{Lab} | 56.52, 74.34, 12.83 |
| CIE _{LCh} | 57, 75.437, 9.795 |
| Yxy | 24.4367, 0.5022, 0.2786 |
| Android (android.graphics.Color) | 4294588533 (0xFFFA3875) |
| YUV | 120.9600, -1.9523, 113.1681 |
| Hunter-Lab | 49.4335, 72.5492, 11.5433 |

Details

The Yxy color **24.4367, 0.5022, 0.2786** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **72.8856, 0.2532, 0.4101**, and the grayscale version is **19.0931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5575, 0.4096, 0.2791**, and **10.9945, 0.5505, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **22.2220, 0.5376, 0.2830**, and if you desaturate by 10%, it is **27.9363, 0.4661, 0.2789**.

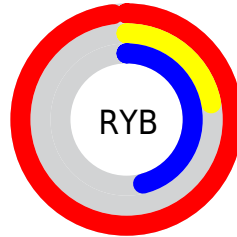
Distribution



Red (98%)

Green (22%)

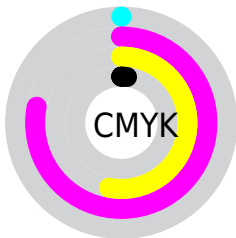
Blue (46%)



Red (98%)

Yellow (22%)

Blue (46%)

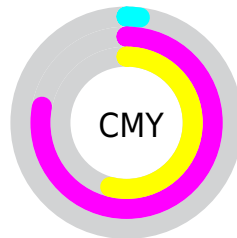


Cyan (0%)

Magenta (78%)

Yellow (53%)

Black (2%)



Cyan (2%)

Magenta (78%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4367, 0.5022, 0.2786 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.4367, 0.5022, 0.2786 by changing the saturation by 10% instead.


 24.4367, 0.5022,
0.2786


 24.4367, 0.5022,
0.2786


275.0209, 0.3980,
0.3094


 15.6579, 0.5309,
0.2689


 50.7419, 0.4622,
0.2912

 9.2824, 0.5689,
0.2553


 69.0371, 0.4478,
0.2955


 4.9258, 0.6209,
0.2353

 91.2731, 0.4359,
0.2990

 2.2038, 0.6944,
0.2039

 117.8345, 0.4259,
0.3018

 0.7221, 0.8414,
0.1586

 149.1056, 0.4173,
0.3042

 0.0000, 1.0000,
0.0000

185.4707, 0.4100,

 0.0000, 0.0000,

0.3062

0.0000

227.3144, 0.4036,
0.3079

■ 24.4367, 0.5022,
0.2786

■ 24.4367, 0.5022,
0.2786

■ 22.2220, 0.5376,
0.2830

■ 27.9363, 0.4661,
0.2789

■ 21.0745, 0.5688,
0.2921

■ 32.8788, 0.4320,
0.2830

■ 20.8823, 0.5757,
0.2945

■ 39.4037, 0.4017,
0.2897

■ 47.6328, 0.3758,
0.2977

■ 57.6757, 0.3542,
0.3063

69.6330, 0.3364,
0.3149

83.5978, 0.3219,
0.3231

99.0073, 0.3101,
0.3298

99.0636, 0.3096,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.4367, 0.3751, 0.2139



24.4367, 0.5022, 0.2786



24.4367, 0.5584, 0.3527

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.4367, 0.5022, 0.2786



24.4367, 0.3297, 0.5738



24.4367, 0.1238, 0.1691

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.4367, 0.5022, 0.2786



72.8856, 0.2532, 0.4101

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.4367, 0.1164, 0.2266



24.4367, 0.5022, 0.2786



24.4367, 0.2222, 0.5050

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.4367, 0.5022, 0.2786



24.4367, 0.4386, 0.5234



24.4367, 0.1461, 0.3472



24.4367, 0.1653, 0.1542

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.4367, 0.5022, 0.2786



24.4367, 0.5449, 0.4065



24.4367, 0.1461, 0.3472



24.4367, 0.1177, 0.1825

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.4381, 0.5022, 0.2786



65.7934, 0.3456, 0.3102



20.4960, 0.2596, 0.1345



13.1500, 0.3523, 0.3071



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.4381, 0.5022, 0.2786



22.4677, 0.5555, 0.2875



28.1911, 0.5561, 0.3569



17.3151, 0.3244, 0.3216



11.0997, 0.5715, 0.2922



1.0463, 0.5379, 0.2737

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.4381, 0.5022, 0.2786



22.4677, 0.5555, 0.2875



56.0567, 0.2173, 0.2830



17.3151, 0.3244, 0.3216



11.0997, 0.5715, 0.2922



1.0463, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 24.4367, 0.5022, 0.2786 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.4367, 0.5022, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4367, 0.5022, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 24.4367, 0.5022, 0.2786.



This preview shows how white text looks on a background with the Yxy color 24.4367, 0.5022, 0.2786.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.4367, 0.5022, 0.2786

Protanopia

24.7021, 0.2869, 0.2910

Deuteranopia

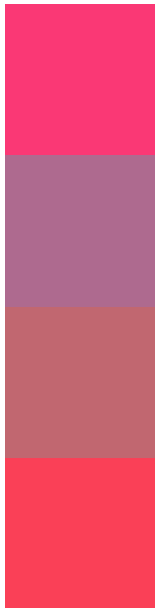
24.4189, 0.3730, 0.3645



Tritanopia

24.5329, 0.5604, 0.3282

Trichromacy



Original Color

24.4367, 0.5022, 0.2786

Protanomaly

21.4052, 0.3570, 0.2750

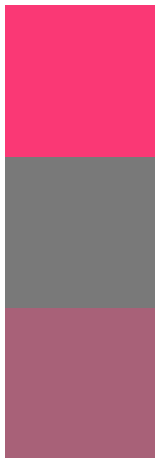
Deuteranomaly

22.0547, 0.4253, 0.3185

Tritanomaly

24.4946, 0.5422, 0.3116

Monochromacy



Original Color

24.4367, 0.5022, 0.2786

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2303, 0.3836, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4367, 0.5022, 0.2786 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 56, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 56, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 56, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 56, 117) }
```

Border

The CSS property to change the border of an element to Yxy 24.4367, 0.5022, 0.2786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 56, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 56, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 56, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 56, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 56, 117); box-shadow:4px 4px 4px 4px rgb(250, 56, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4367, 0.5022, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 56, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250, 56,  
117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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